

From: [Hoffmann, Sandra - ERS](#)
To: [Miller, David](#)
Subject: IRAC April 2015 update notes for revision
Date: Wednesday, April 15, 2015 10:58:25 AM

Dear David,

Here is what I have on notes from the last IRAC meeting on your update report. Would you revise it and send it back to me?

Thanks,

Sandy

EPA Office of Pesticide Programs

David Miller reported on EPA OPP recent activities including:

- Globalenvironment.com is now accessible online. It is a great source for pesticide tolerances worldwide.
- EPA OPP is working with FDA and USDA Foreign Agricultural Service on pesticide residue tolerances for quinoa. **[should I have said something about Peru?]**
- Will discuss IARC Lancet publication March 3-10. 10 pesticides examined for carcinogenicity: 3 were found to be probable carcinogens (Malathion, Glycosate (2-4D, Round Up), Diazinon); 2 were found to be possible carcinogens (Parathion, and Tetrachlorovinfos. DDT, Lindane and 2-4D will be reviewed in June 2015.
- *Carcinogen* comes out in March ranking commodities by their pesticide risk using a 3 point Lickert scale: Very high, high, low, very high. Ranking of fruits and vegetables are available on the web. Uses PDP data for exposure for past 12 years. Washington State U. has a measure and monitor program as well. It's an exposure + toxicity ranking.

Sandra Hoffmann, Ph.D., J.D.

Senior Economist | U.S. Department of Agriculture | Economic Research Service | Food Economics Division | Washington DC 20024-3221

(202) 694-5354 | shoffmann@ers.usda.gov

From: [Hoffmann, Sandra - ERS](#)
To: [Miller, David](#)
Subject: RE: IRAC April 2015 update notes for revision
Date: Wednesday, June 24, 2015 6:14:35 PM

Sorry about that and thanks for pointing it out. I've revised the minutes and will send around the revision tonight.

Sandy

From: Miller, David [mailto:Miller.DavidJ@epa.gov]
Sent: Wednesday, June 24, 2015 5:58 PM
To: Hoffmann, Sandra - ERS
Cc: Fry, Roger - AMS; Pappas, Chris - AMS
Subject: RE: IRAC April 2015 update notes for revision

Hello Sandra,

What I sent you in April for the EPA/OPP Update doesn't appear to have made it into the most recent draft of minutes that you sent out. I will incorporate what is below and send it back to you as my edit.

David.

From: Miller, David
Sent: Sunday, April 26, 2015 9:41 PM
To: 'Hoffmann, Sandra - ERS'
Cc: Fry, Roger - AMS; Pappas, Chris - AMS
Subject: RE: IRAC April 2015 update notes for revision

Hello Sandra,

See below for edits for the weekly.

Roger and Chris – feel free to add or modify the CU piece.

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David Miller reported on EPA OPP recent activities including:

- Bryant-Christie, Inc. (BCI) has transitioned from MRLdatabase.com to GlobalMRL.com (<https://www.globalmrl.com/>) as of late January 2015. EPA and USDA FAS are working to provide funds under contract so that anybody with an internet connection can access GlobalMRL.com (currently, only individuals who had pre-registered last fall are able to access this under the "Login Now" button). GlobalMRL.com will make US tolerances available for access worldwide and foreign MRL's (for which US tolerances exist) available to the US public and US-based entities. This enhanced version allows considerably easier downloads of information and also includes veterinary drugs. In addition, personnel at USDA and EPA will have access to the Enterprise® version of the BCI software which will allow users at these organizations access to a greatly expanded set of information. It is hoped that free access will become available to all during May

or June.

- EPA OPP is working with FDA and USDA Foreign Agricultural Service on pesticide residue tolerances for quinoa. Recently, a quinoa shipment from Peru was detained by FDA in Seattle as a result of having chlorpyrifos residues and an FDA decision that the current CFR Food Handling Establishment tolerance did not apply. USDA/FAS, FDA, and EPA are currently in discussions regarding how FDA will interpret Food Handling Establishment tolerances as it is apparent that there is a considerable amount of confusion in the field.
- The WHO's International Agency for Research on Cancer (IARC) met in February to classify five pesticides with respect to their carcinogenicity: glyphosate, diazinon, malathion, tetrachlorvinphos (TCVP), and parathion. The conclusions of the IARC were recently published in the Lancet at [http://www.thelancet.com/pdfs/journals/lanonc/PIIS1470-2045\(15\)70134-8.pdf](http://www.thelancet.com/pdfs/journals/lanonc/PIIS1470-2045(15)70134-8.pdf) (free registration) and also on the IARC website at <http://www.iarc.fr/en/media-centre/iarcnews/pdf/MonographVolume112.pdf>. Briefly, IARC classified the herbicide **glyphosate** and the insecticides **malathion** and **diazinon** were as "*probably carcinogenic to humans*" (Group 2A) and the insecticides **tetrachlorvinphos** and **parathion** as "*possibly carcinogenic to humans*" (Group 2B). DDT, lindane and 2,4- D will be reviewed by IARC in early June 2015 (see <http://monographs.iarc.fr/ENG/Meetings/index.php>).
- *Consumer Reports* came out in March with their May issue ranking commodities by their pesticide risk ("Eat the Peach, not the Pesticide", available at <http://www.consumerreports.org/cro/health/natural-health/pesticides/index.htm>). Ranking of fruits and vegetables are available on the web. The full 50 page scientific report, including recommendations from Consumers Union (CU), is entitled "From Crop to Table" and can be downloaded from <http://www.consumerreports.org/cro/health/natural-health/pesticides/index.htm>. US grown green beans, and Mexican-produced sweet bell peppers and hot peppers were the commodities that were ranked "Very High" risk category. CU made a number of recommendations with respect to which produce items should be purchased organic. The magazine used PDP data spanning the last 12 years on pesticides in produce.

From: Hoffmann, Sandra - ERS [<mailto:SHOFFMANN@ers.usda.gov>]

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To: Miller, David

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From: [Hoffmann, Sandra - ERS](#)
To: [Miller, David](#)
Subject: RE: IRAC April 2015 update notes for revision
Date: Wednesday, June 24, 2015 10:19:01 PM

Thank you! Sandy

From: Miller, David [mailto:Miller.DavidJ@epa.gov]
Sent: Wednesday, June 24, 2015 7:09 PM
To: Hoffmann, Sandra - ERS
Cc: Fry, Roger - AMS; Pappas, Chris - AMS; Jane.Vandoren@fda.hhs.gov; Sherri.Dennis@fda.hhs.gov
Subject: RE: IRAC April 2015 update notes for revision

Hello Sandra,

I've edit the EPA OPP report out part of the attached meeting notes to include what I sent you below.

David.

From: Miller, David
Sent: Wednesday, June 24, 2015 5:57 PM
To: 'Hoffmann, Sandra - ERS'
Cc: 'Fry, Roger - AMS'; 'Pappas, Chris - AMS'
Subject: RE: IRAC April 2015 update notes for revision

Hello Sandra,

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From: [Hoffmann, Sandra - ERS](#)
To: [Miller, David](#)
Subject: RE: notes on 5 minute agency update from December 2014 IRAC meeting
Date: Monday, March 16, 2015 12:23:10 PM

Hi David,

This is great. Thanks so much,

Sandy

From: Miller, David [mailto:Miller.DavidJ@epa.gov]
Sent: Sunday, March 15, 2015 4:54 PM
To: Hoffmann, Sandra - ERS
Subject: RE: notes on 5 minute agency update from December 2014 IRAC meeting

Hello Sandy,

How's this for the EPA/OPP 5 minute update summary for the minutes:

EPA's David Miller updated the group on EPA's activities with respect to the Office of Pesticide Programs. A Beta (evaluation) version of the DEEM software has been updated and was released to <http://www.epa.gov/pesticides/science/deem/> on 01 October and includes the NHANES/WWEIA 2005-2010 consumption data. In addition, the JIFSAN site was updated at <http://fcid.foodrisk.org/> to include the 2005-2010 consumption data and a revised/updated set of FAQs (<http://fcid.foodrisk.org/faq/>). David noted that this updated consumption data now allowed easy access to both direct and indirect water consumption by means of a JIFSAN-developed web application. David also relayed to the group information about a recent Consumers Union (publisher of Consumer Reports) meeting with the Assistant Administrator of OCSPP in which they detailed their upcoming activities which included (i) a March release (of the May issue) of an index of chronic pesticide exposure through PDP commodities; (ii) a review of the arsenic in rice situation and the results of their testing; and (iii) microbial issues and risks associated with humidifiers. David also brought up the USDA/FAS and EPA/OPP work toward developing a contract to allow continued access to Bryant-Christie's MRLdatabase.com which will be updated to GlobalMRL.com in January 2015 with enhanced features and capabilities including Excel-compatible outputs/downloads. He indicated that current plans are for this database to allow worldwide access to US MRL's to anyone with an internet connection and access to foreign MRLs by US-based entities (only). Finally, David noted that the International Agency for Research on Cancer (IARC) would be meeting in March 2015 and then again in June 2015 to classify a number of pesticides with respect to carcinogenicity. The March meeting will include categorization of 5 pesticides (glyphosate, diazinon, tetrachlorvinphos (TCVP), malathion, and parathion) with respect to cancer and the June meeting will cover 3 pesticides (DDT, 2,4-D, and Lindane). See <http://monographs.iarc.fr/ENG/Meetings/index.php>. EPA/OPP will be sending an observer to this meeting in Lyon, France.

David.

David J. Miller CAPT | USPHS

Chief, Chemistry & Exposure Branch
and Acting Chief, Toxicology & Epidemiology Branch
Health Effects Division
Office of Pesticide Programs
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Visit www.epa.gov/pesticides

From: Hoffmann, Sandra - ERS [<mailto:SHOFFMANN@ers.usda.gov>]
Sent: Friday, March 06, 2015 9:39 AM
To: Miller, David
Subject: RE: notes on 5 minute agency update from December 2014 IRAC meeting

That would be great. Thanks.

Sandy

From: Miller, David [<mailto:Miller.DavidJ@epa.gov>]
Sent: Friday, March 06, 2015 9:03 AM
To: Hoffmann, Sandra - ERS
Subject: Re: notes on 5 minute agency update from December 2014 IRAC meeting

Hello Sandra,

I am looking for my notes. Sorry for the delay. Can I either get them to you Monday or let you know that I won't have them.

david.

From: Hoffmann, Sandra - ERS <SHOFFMANN@ers.usda.gov>
Sent: Thursday, March 5, 2015 5:53 PM
To: Akhter, Shamima; Domesle, Alexander - FSIS; alison.edwards@fda.hhs.gov;
allen.rudman@fda.hhs.gov; Shalom, Amy W - APHIS; Hwang, Andy; angela.ruple@noaa.gov;
apl1@cdc.gov; babgaleh.timbo@fda.hhs.gov; Barry.Hooberman@fda.hhs.gov; Berner, Ted;
bob.walters@us.army.mil; brandolyn.thran@us.army.mil; Halbrook, Brenda - FNS; Broder, Michael;
Burgess, Michele; Burgin, Deborah; Schroeder, Carl - AMS; caroline.toffoli@us.army.mil;
clark.carrington@fda.hhs.gov; cristina.mclaughlin@fda.hhs.gov; Hawks, Dale - NASS; DAnglada,
Lesley; das8@cdc.gov; Egelhofer, David - FAS; Deborah.Smegal@fda.hhs.gov; DelaCruz, Armah;

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APHIS; Fitzpatrick, Julie; fjh1@cdc.gov; Frank.Hearl@cdc.hhs.gov; gabriel.intano@us.army.mil;
Gregg.Claycamp@fda.hhs.gov; Grimm, Ann; Gwinn, Maureen; Hall, Robert H (NIH; Chen, Hongda;
Hong.Yang@fda.hhs.gov; Hoshing.Chang@fda.hhs.gov; Hrady, David; Walls, Isabel; Lindsay, James;
Lindsay, James; jamesj.chen@fda.hhs.gov; Rooney, Jane A - APHIS; Jane.VanDoren@fda.hhs.gov;
Kause, Janell - FSIS; Bowman, John; Hicks, John - FSIS; Anelli, Joseph F - APHIS; Singleton, Jan;
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Mark.Walderhaug@fda.hhs.gov; mary.bartholomew@fda.hhs.gov; Mary.Tortorello@fda.hhs.gov;
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Mervalin; Powell, Mark - OCE; nakia.clemmons@us.army.mil; Bauer, Nathan - FSIS; Golden, Neal -
FSIS; neil.stiber@fda.hhs.gov; Nichols, Tonya; Ollinger, Michael - ERS; David.Oryang@fda.hhs.gov;
Patty.Bennett@usda.gov; Perry.Chumley@us.army.mil; phil.yeager@fda.hhs.gov; Knox, Paularie;
Raffaele, Kathleen; Raymond.Yeager@fda.hhs.gov; regis.pouillot@fda.hhs.gov; Resek, Elizabeth;
rh277v@nih.gov; Holland, Robert E.; Richard.W.Fite@aphis.usda.gov; Roberts, Cindy;
ronald.lorentzen@fda.hhs.gov; Sayre, Philip; Reddy, Shanker - AMS;
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Mullin, Cynthia; spencer.garrett@noaa.gov; Stephanie.Briguglio@fda.hhs.gov;
Steven.Gendel@fda.hhs.gov; Stic.Harris@dhs.gov; suzanne.fitzpatrick@fda.hhs.gov; Thornsby,
Suzanne - OSEC; Swartout, Jeffrey; Taft, Sarah; Anekwe, Toby - ERS; Varner, Theresa - NASS;
Weaver, Joseph T - APHIS; Wen.Zou@fda.hhs.gov; Hall, Wendy F - APHIS;
Wesley.Long@fda.hhs.gov; Yandace.Brown@hq.dhs.gov; Yuhuan.Chen@fda.hhs.gov; Yund, Cynthia
Subject: notes on 5 minute agency update from December 2014 IRAC meeting

Dear Colleagues,

If you did a presentation on your agency's activities at the last IRAC meeting, could you please send me your written summary to include in the minutes from our last meeting?

In response to my earlier request, I heard back from Mike Broder at US EPA, Frank Hearl at NIOSH, and folks from DHA VS.

Thank you very much,

Sandy

Secretary Interagency Risk Assessment Consortium

Sandra Hoffmann, Ph.D., J.D.

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